

South Main Street Reconstruction

Opinion of Cost

City of Grimes, Iowa

July 30, 2009

Engineer's Opinion of Probable Cost

FOX PN 8630-98A.200

				Engineer's Opinion of Probable Cost	
ITEM NO.	DESCRIPTION	UNITS	QTY	UNIT PRICE	TOTAL PRICE
South Main Street Reconstruction					
1	Mobilization	LS	1	\$50,000.00	\$50,000.00
2	Removal and Disposition of HMA Pavement	SY	11,500	\$10.00	\$115,000.00
3	Removal and Disposition of Sidewalk	SY	1,400	\$5.00	\$7,000.00
4	Excavation, Class 10	CY	3,000	\$5.00	\$15,000.00
5	Exploratory Digging	HR	80	\$250.00	\$20,000.00
6	Fixture Adjustment, Water Valve	EA	15	\$400.00	\$6,000.00
7	Removal of Existing Signage	EA	15	\$70.00	\$1,050.00
8	Fire Hydrant Adjustment	EA	4	\$1,700.00	\$6,800.00
9	Structure Removal, RCP/CMP Apron	EA	14	\$250.00	\$3,500.00
10	Structure Removal, RCP/CMP Sewer Pipe	LF	1,000	\$20.00	\$20,000.00
11	Removal of Manhole or Intake	EA	10	\$1,000.00	\$10,000.00
12	Connection to Existing Manhole or Intake	EA	4	\$1,000.00	\$4,000.00
13	Storm Sewer Service	EA	25	\$2,000.00	\$50,000.00
14	Storm Sewer Pipe, 15-Inch	LF	375	\$40.00	\$15,000.00
15	Storm Sewer Pipe, 18-Inch	LF	330	\$55.00	\$18,150.00
16	Storm Sewer Pipe, 24-Inch	LF	350	\$60.00	\$21,000.00
17	Storm Sewer Pipe, 36-Inch	LF	550	\$75.00	\$41,250.00
18	Storm Sewer Intake, SW-507	EA	20	\$3,500.00	\$70,000.00
19	Storm Sewer Intake, Beehive (24-inch)	EA	5	\$1,300.00	\$6,500.00
20	Water Main, Connection to Existing	EA	2	\$1,000.00	\$2,000.00
21	Water Main, 8-inch	LF	1,450	\$25.00	\$36,250.00
22	Hydrant Assembly	EA	4	\$3,500.00	\$14,000.00
23	Water Services	EA	25	\$2,000.00	\$50,000.00
24	Sanitary Sewer, 8-inch	LF	1,300	\$50.00	\$65,000.00
25	Sanitary Sewer Manhole Removal & Replacement	EA	7	\$5,000.00	\$35,000.00
26	Sanitary Sewer Services, 4-inch	EA	25	\$2,000.00	\$50,000.00
27	Testing	EA	1	\$5,000.00	\$5,000.00
28	Subgrade Preparation, 12-Inch	SY	13,000	\$3.00	\$39,000.00
29	Modified Subbase, 6-inch	SY	13,000	\$8.00	\$104,000.00
30	Paving, Mainline, PCC	SY	11,500	\$50.00	\$575,000.00
31	Paving, PCC, 7-inch, Driveway	SY	1,000	\$50.00	\$50,000.00
32	Paving, PCC Integral Sidewalk	SY	750	\$50.00	\$37,500.00
33	Paving, PCC Sidewalk	SY	1,500	\$45.00	\$67,500.00
34	Subdrain, Longitudinal, 4-inch Diameter	LF	1,450	\$12.00	\$17,400.00
35	Subdrain, Cleanout, 8-Inch Diameter	EA	6	\$400.00	\$2,400.00
36	Silt Fence, Install, Clean & Removal	LF	2,000	\$4.00	\$8,000.00
37	Sodding	SQ	170	\$100.00	\$17,000.00
38	Watering	MGAL	150	\$50.00	\$7,500.00
39	Signage	LS	1	\$5,000.00	\$5,000.00
40	Painted Pavement Marking, Waterborne or Solvent-Based	STA	150	\$40.00	\$6,000.00
41	Painted Symbols and Legends, Waterborne or Solvent-Based	EA	30	\$90.00	\$2,700.00
42	Traffic Control	LS	1	\$25,000.00	\$25,000.00
43	Landscaping	LS	1	\$60,000.00	\$60,000.00
	TOTAL				\$1,761,500.00

CONSTRUCTION COST	\$1,761,500.00
STREET LIGHTING	\$120,000.00
CONSTRUCTION STAKING	\$35,000.00
PRELIMINARY & FINAL DESIGN	\$160,000.00
BIDDING / ADMINISTRATION / OBSERVATION	\$150,000.00
SWPPP OBSERVATION	\$8,000.00
CONTINGENCY (15%)	\$265,500.00
TOTAL COST	\$2,500,000.00